

FIG. 1

5' -GATAGTGTGTGCCCAAGGAAAATATATCCACCCCTCAAAATAATTGATTGCTGTACC-
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
D S V C P Q G K Y I H P Q N N S I C C T -
-AAGTGCCACAAAGGAACCTACTTGTACAATGACTGTCCAGGCCGGGCAGGATAACGGAC-
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
K C H K G T Y L Y N D C P G P G Q D T D -
-TGCAGGGAGTGTGAGAGCGGCTCCTCACCGCTTCAGAAAACCACCTCAGACACTGCCTC-
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
C R E C E S G S F T A S E N H L R H C L -
-AGCTGCTCCAAATGCCGAAAGGAAATGGGTCAAGGTGGAGATCTCTTGCACAGTGGAC-
+-----+-----+-----+-----+-----+-----+-----+-----+
S C S K C R K E M G Q V E I S S C T V D -
-CGGGACACCGTGTGGCTGCAGGAAGAACCAAGTACCGGCATTATTGGAGTGAACACCTT-
+-----+-----+-----+-----+-----+-----+-----+-----+
R D T V C G C R K N Q Y R H Y W S E N L -
-TTCCAGTGCTTCAATTGCAGCCTCTGCCTCAATGGGACCGTGCACCTCTGCCAGGAG-
+-----+-----+-----+-----+-----+-----+-----+-----+
F Q C F N C S L C L N G T V H L S C Q E -
-AAACAGAACACCGTGTGCACCTGCCATGCAGGTTCTTCTAAGAGAAAACGAGTGTGTC-
+-----+-----+-----+-----+-----+-----+-----+
K Q N T V C T C H A G F F L R E N E C V -
-TCCTGTAGTAACTGTAAGAAAAGCCTGGAGTGCACGAAGTTGTGCCTACCCAGATTGAG-
+-----+-----+-----+-----+-----+-----+-----+
S C S N C K K S L E C T K L C L P Q I E -
-AAT-3'
+-----
N *

FIG. 2

5' -TTGCCCGCCCAGGTGGCATTTACACCCCTACGCCCGGAGCCCCGGAGCACATGCCGGCTC-
+-----+-----+-----+-----+-----+-----+-----+
L P A Q V A F T P Y A P E P G S T C R L -

-AGAGAAATACTATGACCAGACAGCTCAGATGTGCTGCAGCAAGTGCTCGCCGGGCCAACAT-
+-----+-----+-----+-----+-----+-----+
R E Y Y D Q T A Q M C C S K C S P G Q H -

-GCAAAAGTCTTCTGTACCAAGACCTCGGACACCGTGTGTGACTCCTGTGAGGACAGCACA-
+-----+-----+-----+-----+-----+-----+
A K V F C T K T S D T V C D S C E D S T -

-TACACCCAGCTCTGGAACTGGGTCCCGAGTGCTTGAGCTGTGGCTCCGCTGTAGCTCT-
+-----+-----+-----+-----+-----+-----+
Y T Q L W N W V P E C L S C G S R C S S -

-GACCAGGTGGAAACTCAAGCCTGCACTCGGGAACAGAACCGCATCTGCACCTGCAGGCC-
+-----+-----+-----+-----+-----+-----+
D Q V E T Q A C T R E Q N R I C T C R P -

-GGCTGGTACTGCGCGCTGAGCAAGCAGGAGGGGTGCCGGCTGTGCGCGCCGCTGCGCAAG-
+-----+-----+-----+-----+-----+-----+
G W Y C A L S K Q E G C R L C A P L R K -

-TGCCGCCCGGGCTTCGGCGTGGCCAGACCAGGAACTGAAACATCAGACGTGGTGTGCAAG-
+-----+-----+-----+-----+-----+-----+
C R P G F G V A R P G T E T S D V V C K -

-CCCTGTGCCCGGGACGTTCTCAAACACGACTTCATCCACGGATATTGCAGGCCAC-
+-----+-----+-----+-----+-----+-----+
P C A P G T F S N T T S S T D I C R P H -

-CAGATCTGTAACGTGGTGGCCATCCCTGGGAATGCAAGCAGGGATGCAGTCTGCACGTCC-
+-----+-----+-----+-----+-----+-----+
Q I C N V V A I P G N A S R D A V C T S -

-ACGTCCCCCACCCGGAGTATGGCCCCAGGGGCAGTACACTTACCCAGCCAGTGTCCACA-
+-----+-----+-----+-----+-----+-----+
T S P T R S M A P G A V H L P Q P V S T -

-CGATCCCAACACACGCAACTCCAGAACCCAGCACTGCTCCAAGCACCTCCTCCTG-
+-----+-----+-----+-----+-----+-----+
R S Q H T Q P T P E P S T A P S T S F L -

-CTCCCAATGGGCCAGCCCCCAGCTGAAGGGAGCACTGGCGAC-3'
+-----+-----+-----+-----+-----+-----+-----+
L P M G P S P P A E G S T G D *.

FIG. 3

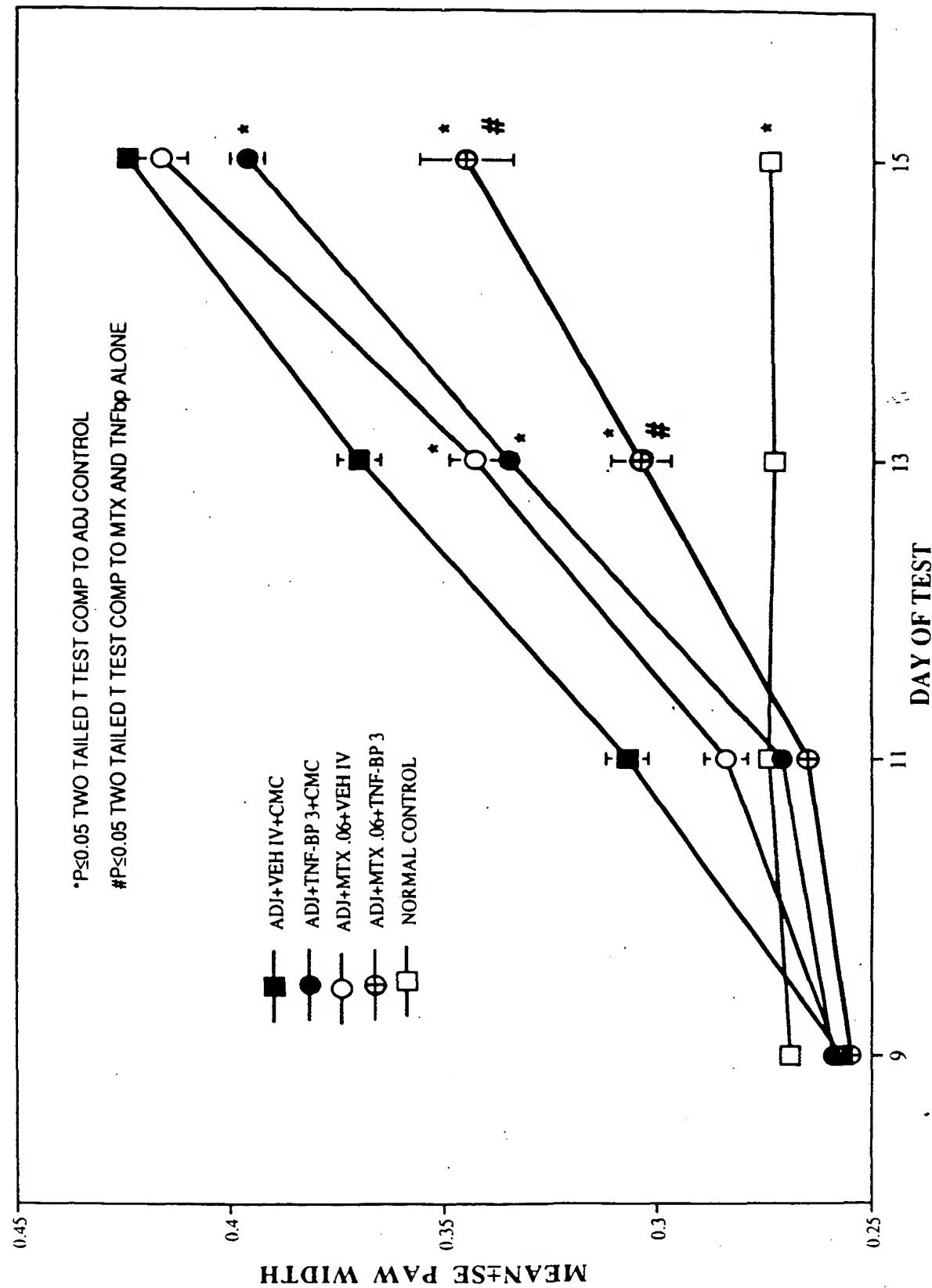


FIG. 4

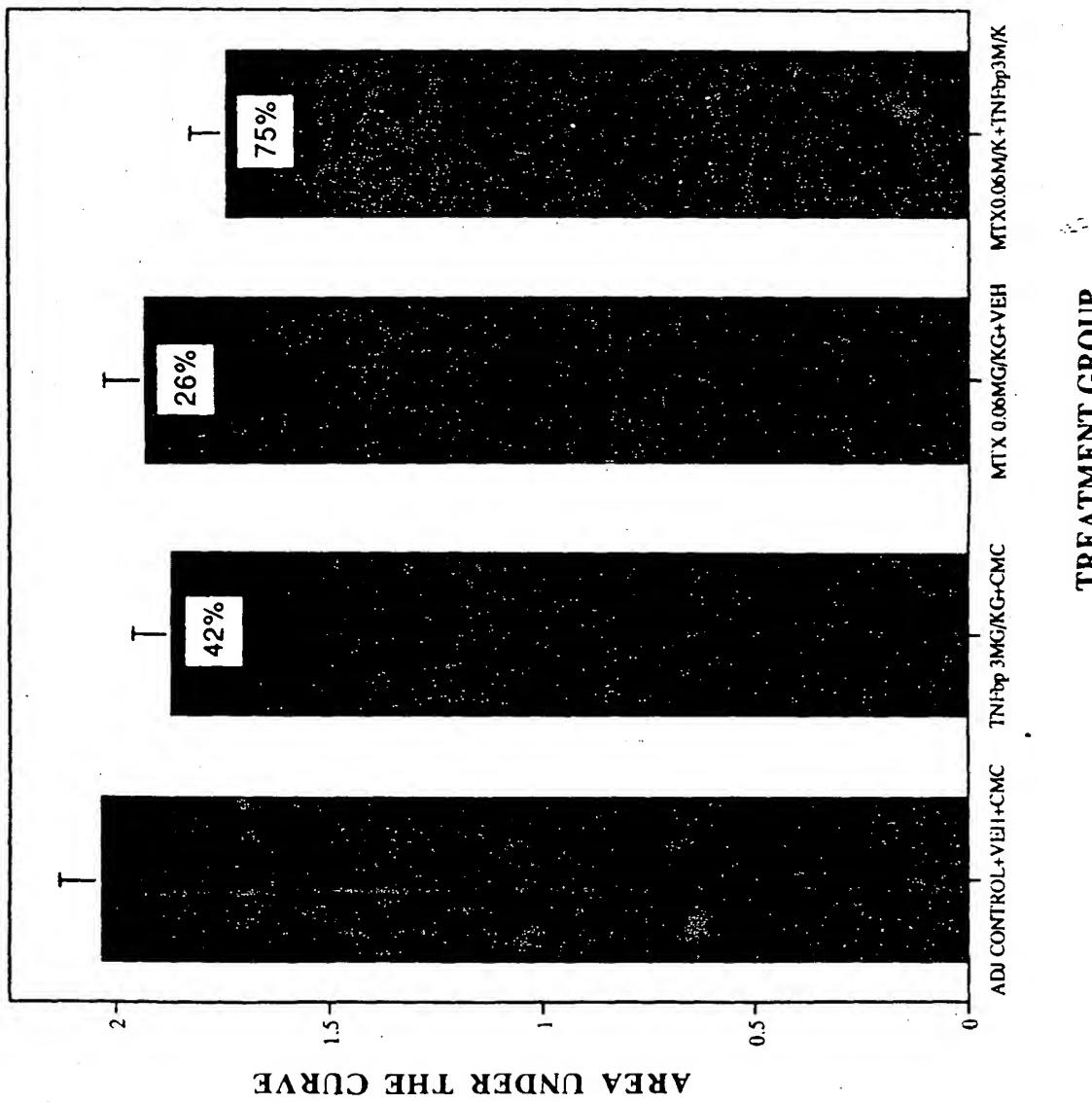


FIG. 5

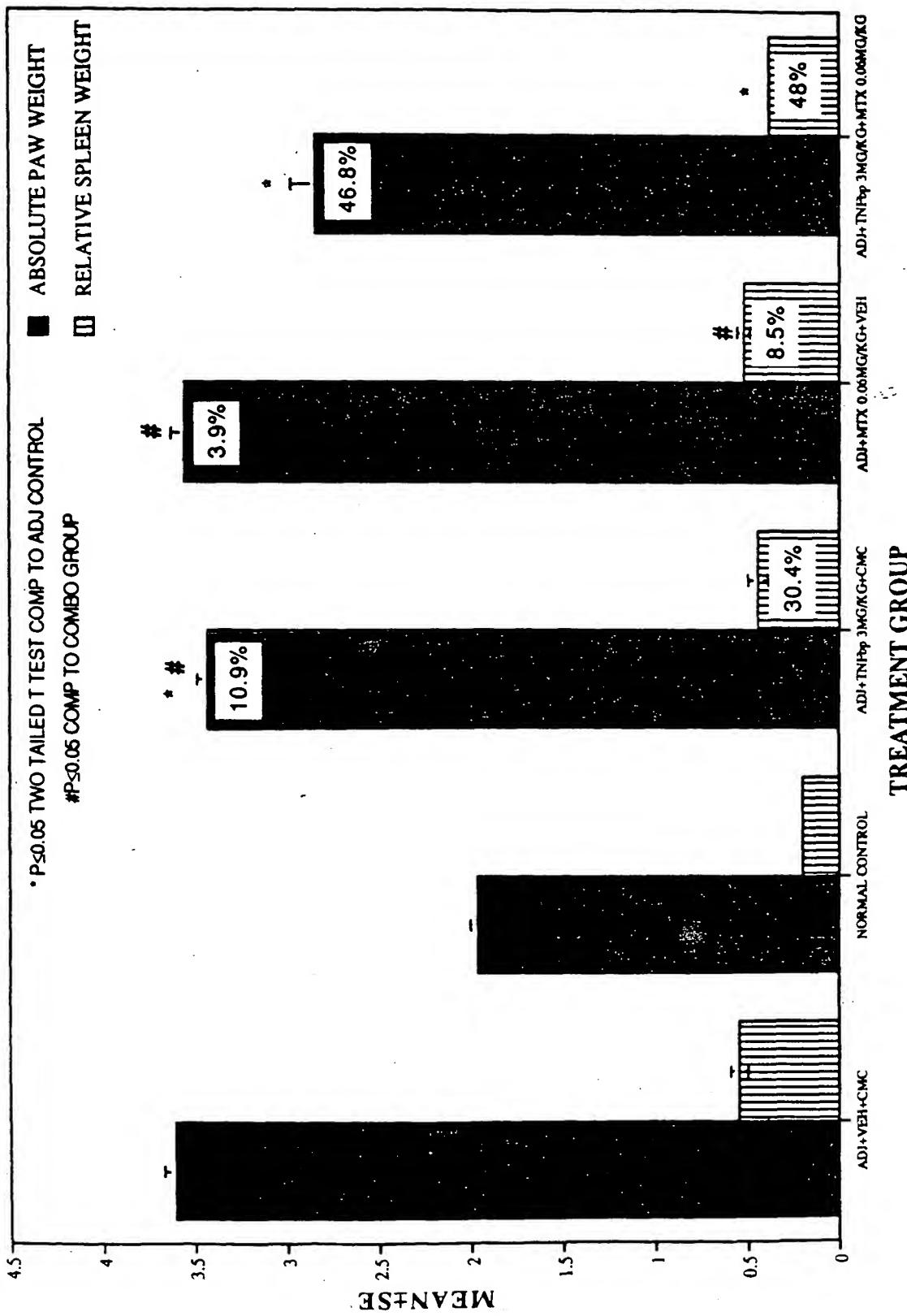


FIG. 6

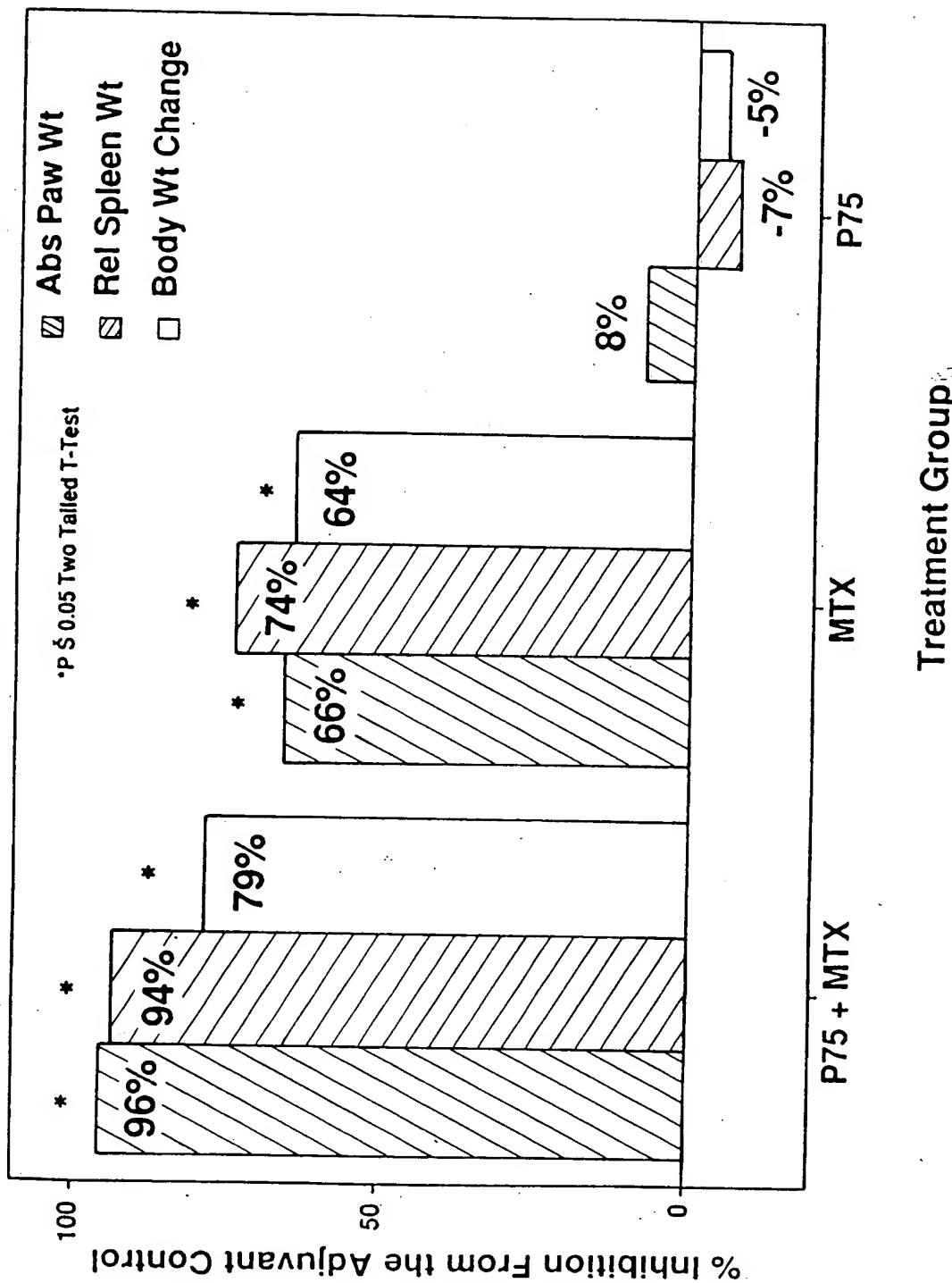


FIG. 7

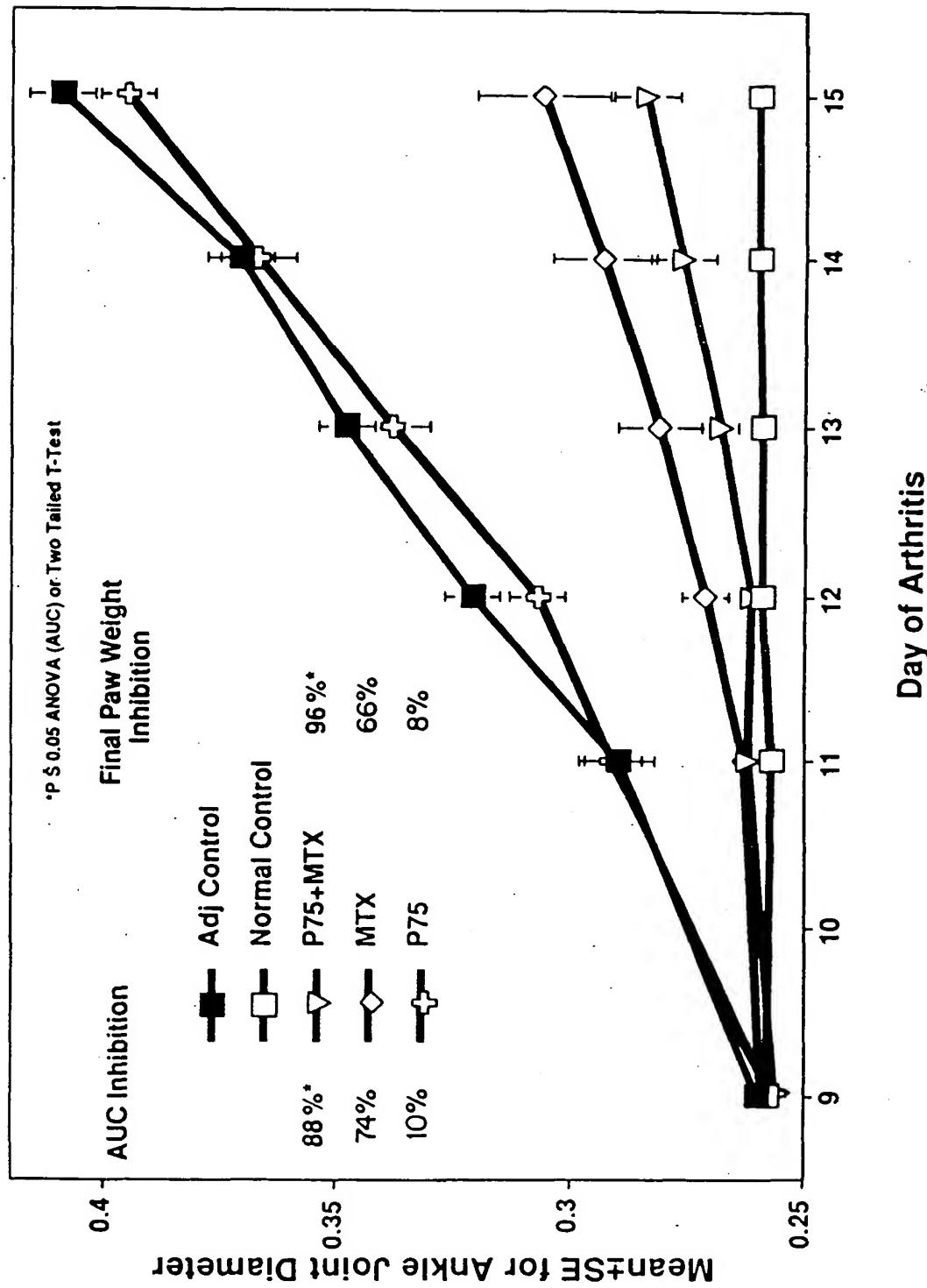


FIG. 8

